

# CSWC Operational Period Summary

## 0600 March 2 2016 to 1800 March 2 2016



BNSF, Kern County

Photo Credit: Darkprince66 / Flickr

Note: [Report updates are in blue](#)



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# **SITUATION SUMMARY**

## **Spill 16-1321, Division of Oil and Gas (DOG), North Midway Sunset Oil Field, Kern County**

- At 1806 hours on Wednesday, the California State Warning Center (CSWC) received notification of a release from DOG. DOG reports a casing failure caused the release of oil and steam with less than 10 barrels released. This failure has impacted a wellhead, which is now shut-in and the area is cordoned off. The release has been stopped. A non-hazardous vapor cloud did form due to this incident, however the cloud dispersed around the area of the release.

DOG reported at 1830 hours:

- Chevron reported a blowout this morning in the northern portion of the Midway-Sunset Oilfield, well, G-663 (029-60527)., The blowout was a high energy and relatively short lived spray of oil and reportedly pieces casing cement discharged from the well bore. Early reports indicate that the well casing failed, well head valves were also broken. Chevron will begin a subsurface investigation and has shut in cyclic steam and one continuous steam injector in the immediate area. Drilled in 1980 the well, the well is 1640 feet deep and located approximately 330 feet from a public road, which was not affected by the blowout.
- Chevron reports that is not aware of any past well integrity issues with this well or other wells in the area. Aera's injection operations are 300 to 400 feet south of this Chevron well. Aera has been notified by Chevron of the event, but has not been contacted by the Division to see if any modifications to their operations will be made because of the blowout.
- DOG recommends that Chevron's and Aera's steam injection operations in this area of the blowout be reviewed and that both operators are informed that any subsequent surface steam breakthroughs do to casing failures, no matter how small, be promptly reported.

## **Diablo Canyon Nuclear Power Plant Drill**

- Diablo Canyon Nuclear Power Plant conducted a communications drill with the California State Warning Center (CSWC).
- Full notifications to include DCC scenario activations were made by CSWC personnel per SOP.

## **Weather of Concern**

### **Northern California**

- A storm system continues to move onshore this evening, bringing more rain and breezy conditions to Northwestern California.

### **Southern California**

- High surf events likely to impact coastal areas Thursday night through much of next week.

## **Active Weather Warnings, Watches and Advisories by County:**

[http://www.wrh.noaa.gov/sto/brief/www\\_bc\\_cal.php](http://www.wrh.noaa.gov/sto/brief/www_bc_cal.php)

## **Cal EOC Incident – 2014 Drought**

SOC / Inland REOC remains activated in support of 2014 Drought.

Please see attached for Drought Task Force Update.



# Key Points

3/2 –3/9

## Thursday

- No significant Impacts

## Friday-Saturday

- High surf; increased potential for rip currents, sneaker waves, and beach erosion.
- Slick roadways, urban and small stream flooding, tree damage or downed trees with power outages possible as series of stronger storms moves across the state especially Saturday into Sunday
  - Strongest winds and heaviest rain along the central coast Saturday afternoon and evening, with a chance of thunderstorms Sunday
  - Hazardous travel due to slick snow covered roads and low visibility in blowing snow for Saturday night into Monday across the Sierra passes

## Sunday-Wednesday

- Potentially damaging surf continues with coastal flooding and significant beach erosion possible Sun Nt – Mon
- Additional rainfall and Sierra mountain snow possible for NorCal from Tue through the week, with precipitation possible impacting central and southern CA again late next week



# California OES Impact Threat Matrix

Mar 2, 2016 – Mar 9, 2016

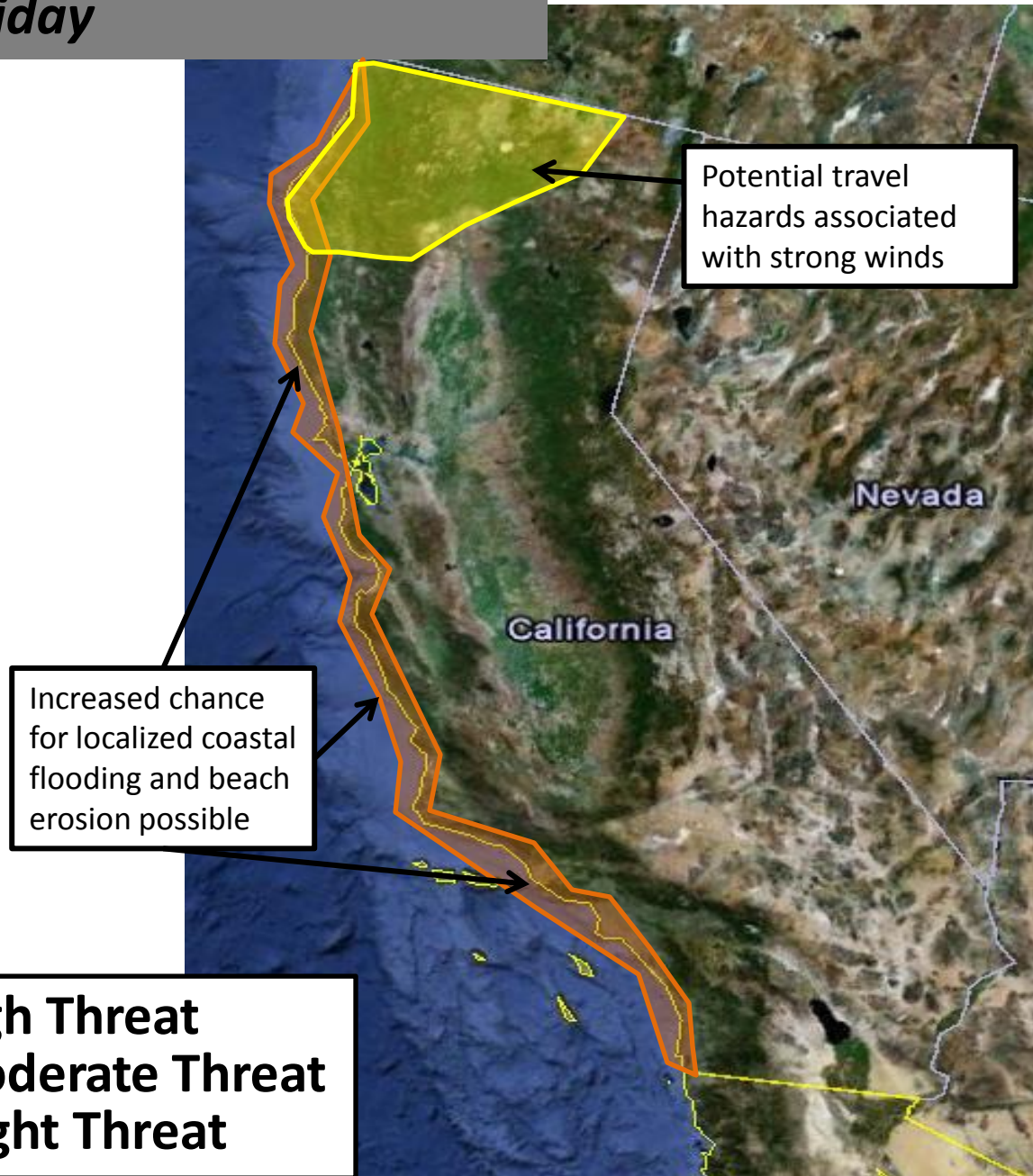
DAY/THREAT	THU	FRI	SAT	SUN	MON	TUE	WED
Fire Weather							
Winds		Nrn CA	Nrn & Central				
Extreme Cold							
Snow			High Sierra				
Heavy Rain/ Flash Flooding			Nrn & Central		Srn CA	Nrn CA	Nrn CA
River Flooding							
Severe Weather							
Coastal Flooding							

	High Threat
	Moderate Threat
	Slight Threat
	No Discernible Threat



# Day 2 Weather Hazards

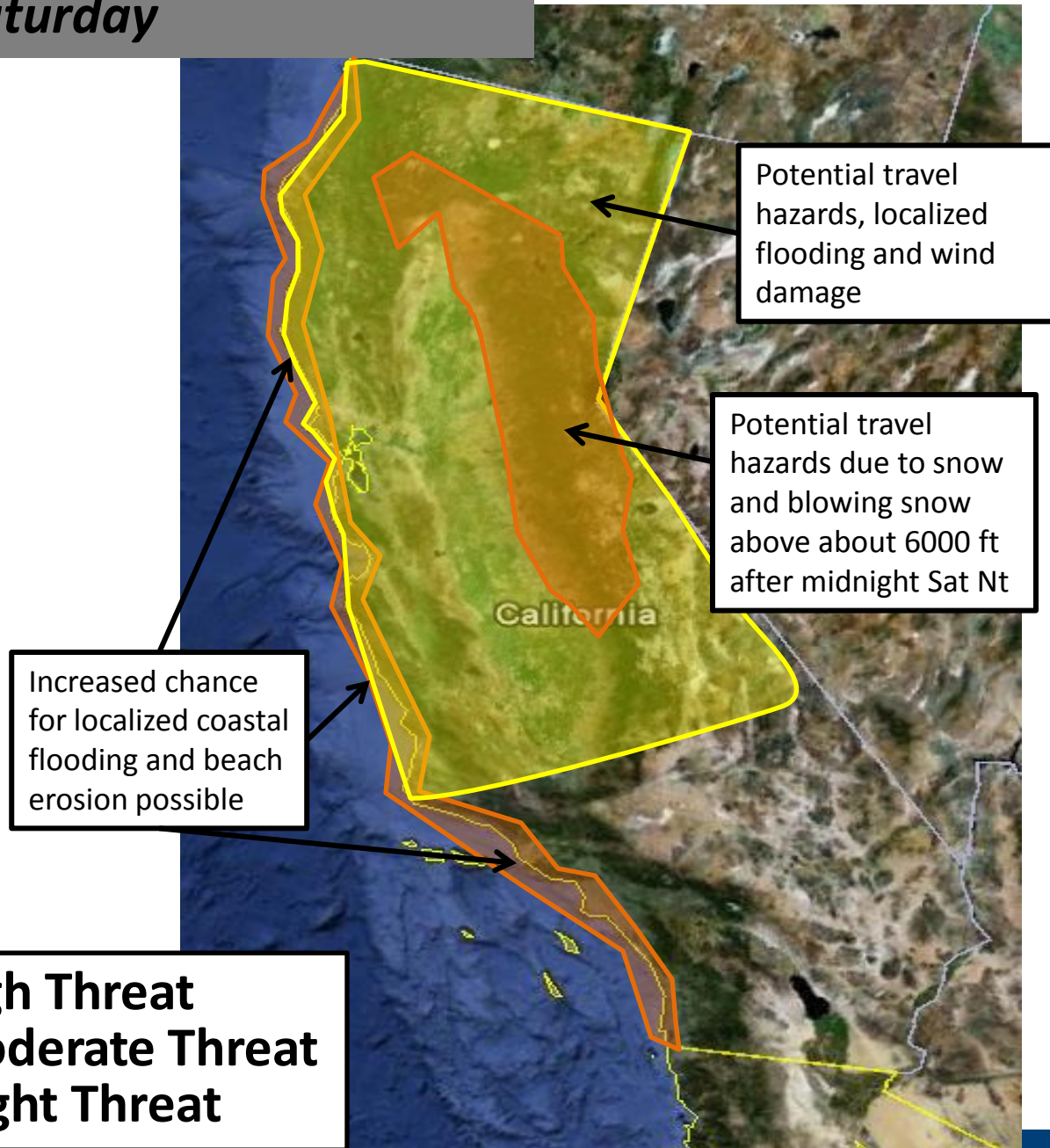
Valid: Friday





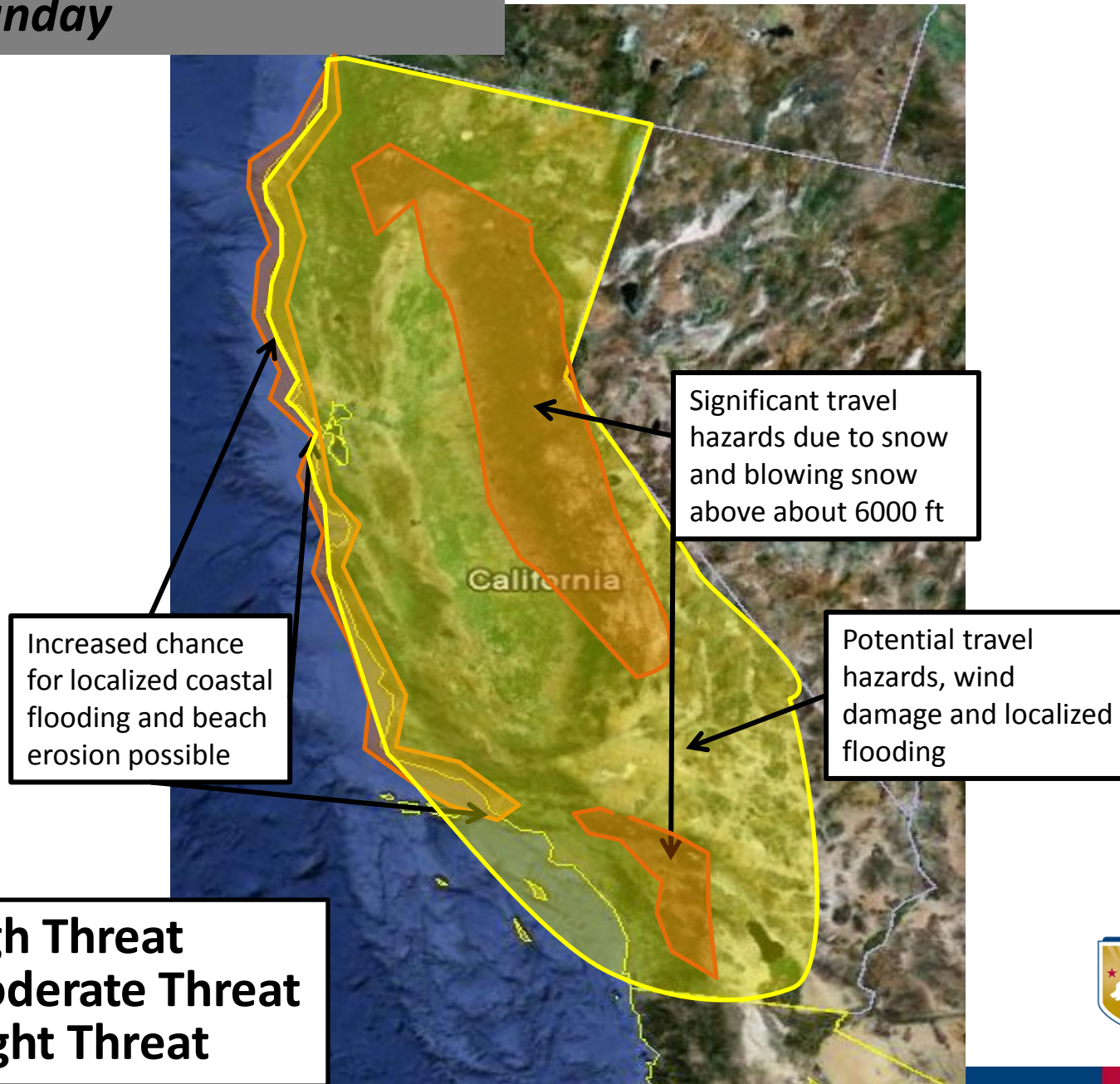
# Day 3 Weather Hazards

Valid: Saturday



# Day 4 Weather Hazards

Valid: Sunday

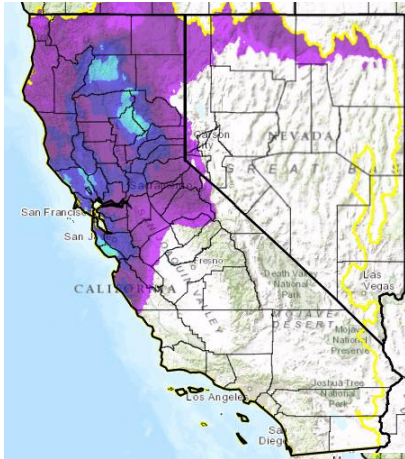


-  High Threat
-  Moderate Threat
-  Slight Threat

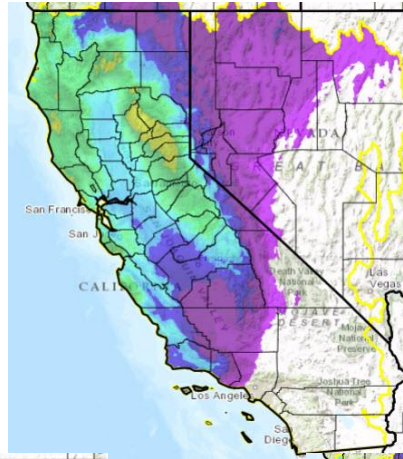


# Days 1-5 Precipitation Forecast

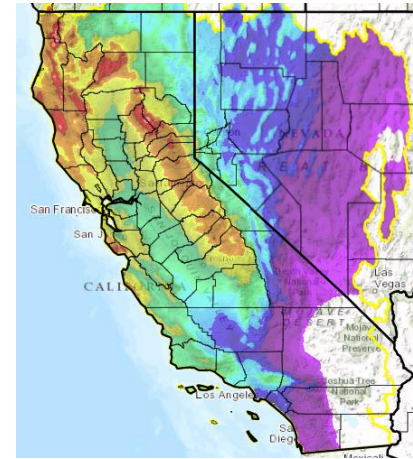
Precipitation (inches)



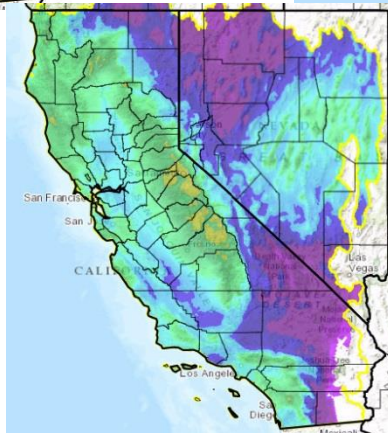
**Thursday**



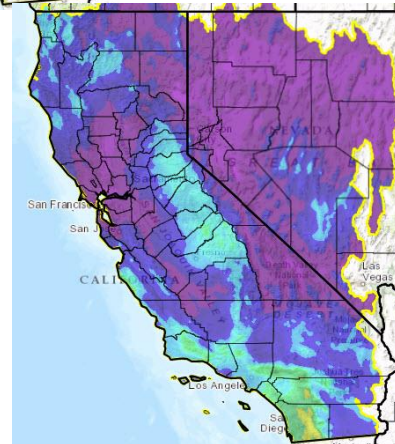
**Friday**



**Saturday**



**Sunday**



**Monday**

**Series of storms will gradually bring rainfall and mountain snow farther south through the weekend**



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# WEATHER

## WEATHER SYNOPSIS BY REGION:

### **NORTHERN CALIFORNIA**

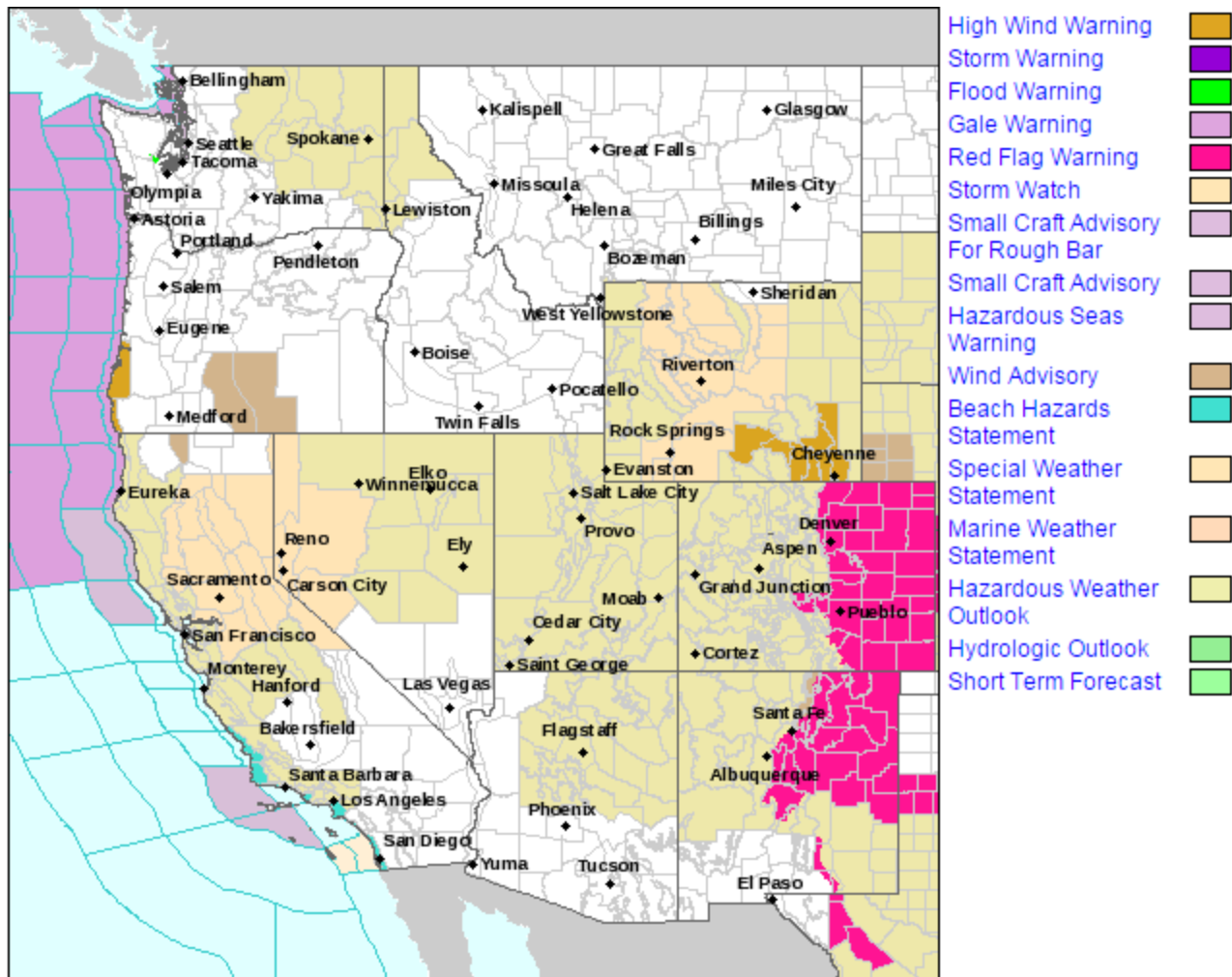
A change in the weather pattern over the region will continue today as another weak weather system arrives at the coast later today. Precipitation with this system will spread Inland overnight and be heaviest over the Coastal counties. Variable cloudiness and some showery conditions will persist Thursday and Friday but with an increase in the showery conditions Friday. A rather wet and cooler set of weather systems will arrive over the weekend and persist through next week. Significant amounts of precipitation are expected over all of Northern California over the next 10 days. Mountain travel will be somewhat challenging at times this weekend and early next week and possibly again for a few more days later next week. Snow levels will be rather high (6000 feet plus) with the systems well into the weekend, but Sunday snow levels will lower to more seasonable elevations or even somewhat lower. Snow levels may drop to around 3000 feet in the Northwest areas and to around 4500 feet in the South early next week before somewhat warmer weather elevates snow levels again. Some addition to the snow pack is expected from this series of storms, and areas that have become snow-free are likely to become covered again, at least for a bit into next week. Gusty Southerly winds will develop mostly over the higher terrain late today and last for a bit this evening, and the Shasta Valley in the Weed area are also likely to see some of those strong winds. Widespread, gusty Southerly winds will develop Saturday and continue into early Sunday before decreasing. More periods of strong Southerly winds are expected next week. Temperatures over the next few days will be right around seasonable values but will gradually be cooling, and below normal temperatures will be over the region this weekend.

### **SOUTHERN CALIFORNIA**

Strong high pressure aloft over California will maintain well above normal temperatures and low humidity across most of the region today. Maximum temperatures will remain in the 60s to low 70s over the Mountains and mid 70s to mid 80s in the Valley locations. Minimum humidity will be mainly in the teens and twenties away from the Coastal areas and Central Valley, but the Mountains and Deserts of Southern California will drop into the single digits. A Pacific trough dropping down the West Coast will cause temperatures to cool and humidity to increase across the area Thursday through Saturday. However, the mountains and deserts of Southern California will continue to see minimum humidity in the single digits Thursday. Scattered showers with light rainfall accumulations will start across Central California from a Monterey/Fresno County line northward Thursday afternoon and then spread across the rest of Central California by Friday afternoon. It now looks as though light showers will move into Southern California starting Friday night. Most locations will receive less than a half inch of rainfall through Saturday afternoon. The snow level will be around 8,000 feet. A couple of Pacific storms will bring periods of rain, heavy at times, Saturday night through Monday evening. Most Southern California Foothill and Mountain locations will receive between 2 and 4 inches of rainfall, while most Coastal and Valley locations receive between 1 and 2 inches of rainfall during this time. The snow level will drop to between 4,000 and 5,000 feet by Sunday evening. South to west winds of 20 to 40 mph with gusts to 60 mph will surface across the Southern California mountain ridges and desert passes Saturday afternoon into early next week.



# STATE WEATHER MAP



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# **FIRE ACTIVITY**



## **Preparedness Levels**

### **National Preparedness Level 1**

#### **Northern California**

Preparedness Level 1, Multi-Agency Coordination System MACS Mode 2

#### **Southern California**

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

## **California Fire Potential & Weather Maps**

### **Southern California 7 Day Significant Fire Potential**

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

### **Northern California 7 Day Significant Fire Potential**

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

### **California Fire Weather Map Watches and Warnings**

<http://www.wrh.noaa.gov/firewx/main.php>

### **NWS California River Forecast Center:**

<http://www.cnrfc.noaa.gov/>

# CAL OES 2014 DROUGHT

## Cal EOC Incident – 2014 Drought

- The SOC is activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued Executive Order B-26-14 on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought, specifically through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- The Governor issued Executive Order B-29-15 on 04/01/15 which announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies to make California more drought resilient.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate the Community Impacts Workgroup conference calls. Currently, the calls take place on alternating Wednesdays.
- Cal OES Recovery/Individual Assistance finalized an updated 2015 version of the drought brochure of programs and services for individuals, businesses, farmers, and ranchers. It has been put on the Governor's Drought webpage. State agencies may put the following link to the brochure on their webpage <http://ca.gov/drought/pdf/Drought-Assistance-Brochure-2015.pdf>
- Cal OES Regions (Inland, Coastal, Southern) collective OA drought call is facilitated by the SOC and will be held once per month.



# CAL OES 2014 DROUGHT

## Cal EOC Incident – 2014 Drought

### **Local Emergency Proclamations:**

**A total of 62 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:**

- 28 Counties: Butte, Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Sonoma, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 13 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), City of Rancho Cucamonga (San Bernardino County) and City of West Sacramento (Yolo County), City of Willits (Mendocino County), and City of Fort Bragg (Mendocino County).
- 9 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



**Mission:**

We protect lives and property, build capabilities, and support our communities for a resilient California.

*We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.*